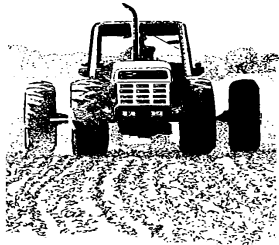




TENNESSEE WEEKLY
WEATHER AND CROP BULLETIN



Released Weekly April - November

2002 Weather Crop 21

Issued 3:00 P.M. 08/19/02

Week Ending August 18, 2002

SOME AREA RELIEF FROM DRY WEATHER

Many locations across Tennessee received much needed rainfall last week, but some areas of the State, especially in the East, remain very dry with crops and pastures under moderate to severe stress from the lack of moisture. Condition ratings for corn, soybeans, and cotton improved slightly from the week earlier, but declined slightly for tobacco and pastures. Expected yields for all crops continue to be widely variable, even within a small geographic radius. Nearly one-third of the corn crop was mature, with harvest beginning on a limited basis in a few areas. Last week's precipitation was especially beneficial to water starved double-cropped soybeans and should help with the pod fill of those planted earlier in the season. Virtually all of the State's soybeans were blooming and setting pods, nearly two weeks ahead of the normal pace. Cotton bolls were opening as the crop condition continued to improve with two-thirds of the acreage now in the good-to-excellent range. Topping was the major activity for tobacco producers last week, and harvest was underway in many areas. The harvest pace for all tobacco types lags slightly behind the 5-year average. Pastures continued to deteriorate despite the rainfall, but the rain toward the end of the week should boost growth. There were 5 days suitable for fieldwork. As of Friday, topsoil moisture levels were rated 15 percent very short, 36 percent short, 43 percent adequate, and 6 percent surplus. Subsoil moisture levels were rated 22 percent very short, 40 percent short, 35 percent adequate, and 3 percent surplus.

CROP PROGRESS: Through August 18, 2002					CONDITION: On August 16, 2002					
Crop	This Week	Last Week	2001	Five Year Avg.	Item	Very Poor	Poor	Fair	Good	Exc
Percent					Percent					
Corn - Dough	98	94	99	93	Corn	9	14	33	38	6
Corn - Dent	89	78	88	73	Soybeans	8	11	30	44	7
Corn - Mature	32	20	30	23	Cotton	2	9	23	45	21
Corn - Silage - Harvested	49	34	44	38	Tobacco	7	17	31	36	9
Soybeans - Blooming	98	93	92	86	Pastures	19	30	35	15	1
Soybeans - Setting Pods	84	71	78	64						
Cotton - Setting Bolls	100	92	100	100						
Cotton - Bolls Opening	4	2	13	7						
Tobacco - Topped	73	57	84	77						
Tobacco - Burley - Harvested	17	9	26	25						
Tobacco - Air-Cured - Harv.	24	9	30	26						
Tobacco - Fire-Cured - Harv.	22	9	36	26						

CORN: Corn for grain harvest began on a very limited basis with producers reporting highly variable yields. Silage harvest continued to proceed well ahead of normal with just under half of the acreage harvested. Overall, the crop was rated in mostly fair-to-good condition.

COTTON: Virtually all of the State's cotton was setting bolls and bolls were opening at a pace slightly behind normal. The rain should help fill out the bolls and add a few more pounds of lint.

SOYBEANS: The crop condition improved somewhat due to last week's rain, but more is needed. Disease and insect pressure continued to remain light. As of Sunday, development was about two weeks ahead of normal.

TOBACCO: Almost three-fourths of the acreage has been topped, with harvest underway in most areas. The crop was rated in mostly fair-to-good condition.

PASTURES & HAY: Pasture conditions were downgraded from the week earlier with almost half now rated in the very poor-to-poor range. Many farmers are testing forages for nitrates with high levels being found in some areas.

TEMPERATURES AND PRECIPITATION For week ending: 08/19/02 (with comparisons)										
LOCATION	TEMPERATURE				PRECIPITATION				GDD BASE 60F	
	Week Ending 08/19/02				Current Week	Rain	Current	From	Since April 1	
	HI	LO	AVG	DFN	08/19/02	Days	Since January 1	Normal	Total	DFN
Ames_Plantation	93	68	79	+2	3.97	5	37.06	+3.03	1996	+212
Bristol	94	61	78	+5	1.47	4	22.66	-4.62	1542	+331
Brownsville_TN	93	69	80	+1	3.24	5	29.63	-4.46	2104	+530
Chattanooga/Lov	96	64	80	+3	0.37	4	26.84	-8.00	2068	+401
Clarksville_Sew	92	68	80	+4	1.30	5	32.98	+0.25	1996	+411
Cookeville	95	61	78	+3	2.28	3	38.45	+1.31	1564	+575
Covington	90	64	78	-1	2.46	5	36.47	+3.18	1924	+103
Crossville_AP	87	59	74	+2	0.54	4	38.76	+2.08	1179	+53
Dickson_AG	92	63	78	+1	2.09	4	34.25	-0.68	1642	-16
Dover_1W	92	66	78	+2	1.00	3	35.98	+2.02	1784	+382
Dyersburg	90	70	79	-1	2.89	4	28.21	-4.29	2019	+82
Erwin_1W	93	62	77	+6	0.61	4	25.69	-7.41	1428	-19
Huntingdon_Wate	91	69	79	+2	1.94	3	31.64	-2.36	1924	+424
Jackson_AG	92	69	79	+2	2.15	4	30.64	-3.19	2015	+283
Kingston_AG	93	65	79	+5	0.36	3	35.62	-2.86	1740	+440
Knoxville_AP	93	65	80	+4	0.42	3	36.30	+4.55	1866	+419
Lewisburg	94	58	78	+3	1.31	3	38.95	+3.00	1667	+201
Lexington_TN	93	68	79	+1	2.02	6	36.23	+3.17	1888	+826
Linden	91	62	78	+2	2.27	4	35.92	-0.36	1728	+254
Martin	91	68	79	+2	2.40	4	33.27	-1.07	1956	+289
Mc_Minnville_Tn	95	57	78	+3	1.45	5	33.41	-1.58	1815	-30
Memphis_AG	91	68	79	-3	2.97	4	44.43	+11.16	2059	-96
Milan	93	62	78	+2	2.88	4	28.75	-6.19	1941	+313
Murfreesboro_5N	94	65	79	+2	0.81	3	32.14	-2.37	1769	-60
Nashville_Metro	94	67	79	+2	2.49	3	33.13	+2.08	1944	+210
Newcomb	92	61	77	+5	0.92	3	32.72	-3.28	1470	+412
Oneida	91	62	77	+5	0.91	5	33.08	-2.92	1471	-83
Pikeville	94	59	78	+2	1.27	3	35.90	+0.97	1751	+319
Portland_TN	92	69	79	+4	1.11	3	32.60	-1.20	1714	+284
Pulaski_Water_P	92	61	78	+1	2.87	4	40.49	+4.82	1736	-2
Savannah_6SW	94	66	78	-1	0.76	4	42.84	+5.90	1915	+394
Sparta_TN	95	61	78	+3	1.55	4	37.27	+1.20	1738	+503
Springfield	93	64	77	+2	1.29	3	32.05	-0.42	1578	+132
Springhill	97	63	79	+3	1.44	5	32.80	-3.23	1858	+395
Union_City	89	68	78	+2	1.48	3	28.89	-4.53	1841	+216
DFN = Departure From Normal (Using 1961-90 Normals Period). GDD = Growing Degree Days. Precipitation Days = Days with precip of 0.01 inch or more. Precipitation (rain or melted snow/ice) in inches. Copyright 2002: AWIS, Inc. All Rights Reserved										

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